Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)
Sheet 1 of 2

,	required to respond to a conection of information unless it displays a valid OMB control lit					
	Confirmation Number	4619				
	Application Number	10/659,416				
	Filing Date	September 10, 2003				
	First Named Inventor	Jeffrey D. Messerly				
	Group Art Unit	3767				
	Examiner Name	Hall, Deanna K.				
	Attorney Docket Number	END0797USNP				

U.S. PATENT DOCUMENTS

		U.S. Patent Do	cument				
Examiner Initials	Cite	Kind Code ² Number (if known)		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear	

FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite	Foreign Patent Document Office ³ Number ⁴ KindCode ⁵			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear	T ⁶
		웃	7178110	Α	Tanaka Hideaki, et al.	07-18-1995		
		WO	01/24714	A1	Messerly, Jeffrey D.	04-12-2001		
		JP	2001178734	Α	Takahashi Hiroyuki	07-03-2001		

Examiner	Date	
Signature	Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of U.S. Patent Documents at www.uspto.gov. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450**